

## Author Index

- Antiochia, R.  
—, Cass, A.E.G. and Palleschi, G.  
Purification and sensor applications of an oxygen insensitive, thermophilic diaphorase 17  
Arias, M.E., see Rodríguez, J. 121
- Baker, B., see Gemperline, P.J. 155  
Ballerstadt, R.  
— and Schultz, J.S.  
Competitive-binding assay method based on fluorescence quenching of ligands held in close proximity by a multivalent receptor 203  
Batchelor, B., see Gemperline, P.J. 155  
Beckett, R., see Contado, C. 99  
Biosca, Y.M.  
— and Ramis-Ramos, G.  
Optical saturation thermal lens spectrometry in non-polar solvents 257  
Blanco, P.T., see Villamil, M.J.F. 37  
Bocchini, P., see Rodríguez, J. 121  
Bond, A.M.  
—, Mahon, P.J., Schiewe, J. and Vicente-Beckett, V.  
An inexpensive and renewable pencil electrode for use in field-based stripping voltammetry 67  
Botsoglou, N.A., see Fletouris, D.J. 111
- Cámara, C., see Pérez-Corona, T. 249  
Candolfi, A.  
—, Massart, D.L. and Heuerding, S.  
Investigation of sources of variance which contribute to NIR-spectroscopic measurement of pharmaceutical formulations 185  
Casero, I.  
—, Sicilia, D., Rubio, S. and Pérez-Bendito, D.  
Analytical potential of mixed micelle-based methodology for the determination of ionic surfactants 75  
Cass, A.E.G., see Antiochia, R. 17  
Chan, H.S.O., see Zhou, X.C. 29  
Cho, J.H., see Gemperline, P.J. 155  
Ci, Y.-x., see Liu, X.-j. 213  
Contado, C.  
—, Dondi, F., Beckett, R. and Giddings, J.C.  
Separation of particulate environmental samples by SPLITT fractionation using different operating modes 99
- Daghbouche, Y.  
—, Garrigues, S., Morales-Rubio, A. and de la Guardia, M.  
Evaluation of extraction alternatives for Fourier transform infrared spectrometric determination of oil and greases in water 161  
De Bellis, G.  
— and Salani, G.  
Oligonucleotide analysis by capillary zone electrophoresis at low pH 1  
de la Guardia, M., see Daghbouche, Y. 161  
Dondi, F., see Contado, C. 99  
Dong, S., see Liu, Z. 147  
Downard, A.J.  
—, Lenihan, R.J., Simpson, S.L., O'Sullivan, B. and Powell, K.J.  
The aluminium(III)–4-nitrocatechol system: potentiometry, voltammetry and application to the determination of reactive Al(III) 5
- Fletouris, D.J.  
—, Botsoglou, N.A., Psomas, I.E. and Mantis, A.I.  
Determination of the marker residue of albendazole in milk using ion-pair liquid chromatography and fluorescence detection 111
- Galletti, G.C., see Rodríguez, J. 121  
Garrigues, S., see Daghbouche, Y. 161  
Gemperline, P.J.  
—, Cho, J.H., Baker, B., Batchelor, B. and Walker, D.S.  
Determination of multicomponent dissolution profiles of pharmaceutical products by in situ fiber-optic UV measurements 155  
Giddings, J.C., see Contado, C. 99
- Hernández, M., see Rodríguez, J. 121  
Hernández-Coronado, M.J., see Rodríguez, J. 121  
Heuerding, S., see Candolfi, A. 185  
Hiyama, T.  
—, Takahashi, T. and Kamimura, K.  
Determination of nitrogen in uranium–plutonium mixed oxide fuel by gas chromatography after fusion in an inert gas atmosphere 131  
Hosten, E.  
— and Rohwer, H.  
Interaction of anions with arsenazo III–lanthanide (III) complexes 227

- Huang, C.Z.  
—, Li, K.A. and Tong, S.Y.  
Spectrophotometry of nucleic acids by their effect on the complex of cobalt(II) with 4-[(5-chloro-2-pyridyl)azo]-1,3-diaminobenzene 235
- Ikeda, S., see Mishima, Y. 45
- Iwuoha, E.I., see Lu, B. 59
- Ju, H.  
— and Leech, D.  
[Os(bpy)<sub>2</sub>(PVI)<sub>10</sub>Cl]Cl polymer-modified carbon fiber electrodes for the electrocatalytic oxidation of NADH 51
- Kamimura, K., see Hiyama, T. 131
- Kohlmann, M., see Louis, D. 219
- Leech, D., see Ju, H. 51
- Lenihan, R.J., see Downard, A.J. 5
- Leussink, E.D., see Luinge, H.J. 173
- Li, K.A., see Huang, C.Z. 235
- Li, S.F.Y., see Zhou, X.C. 29
- Li, Y.-z., see Liu, X.-j. 213
- Liu, X.-j.  
—, Li, Y.-z. and Ci, Y.-x.  
Time-resolved fluorescence studies of the interaction of the Eu<sup>3+</sup> complexes of tetracycline analogues with DNA 213
- Liu, Z.  
—, Xi, X., Dong, S. and Wang, E.  
Liquid chromatography-amperometric detection of nitrite using a polypyrrole modified glassy carbon electrode doped with tungstodiphosphate anion 147
- Louis, D.  
—, Kohlmann, M. and Wallach, J.  
Spectrophotometric assay for amidolytic activity of alkaline protease from *Pseudomonas aeruginosa* 219
- Lu, B.  
—, Iwuoha, E.I., Smyth, M.R. and O'Kennedy, R.  
Development of an "electrically wired" amperometric immunosensor for the determination of biotin based on a non-diffusional redox osmium polymer film containing an antibody to the enzyme label horseradish peroxidase 59
- Luinge, H.J.  
—, Leussink, E.D. and Visser, T.  
Trace-level identity confirmation from infrared spectra by library searching and artificial neural networks 173
- Madrid, Y., see Pérez-Corona, T. 249
- Mahon, P.J., see Bond, A.M. 67
- Mantis, A.I., see Fletouris, D.J. 111
- Massart, D.L., see Candolfi, A. 185
- Mishima, Y.  
—, Motonaka, J. and Ikeda, S.  
Utilization of an osmium complex as a sequence recognizing material for DNA-immobilized electrochemical sensor 45
- Morales, F.  
—, Sicilia, D., Rubio, S. and Pérez-Bendito, D.  
Application of micellar effects to the simultaneous kinetic determination of pyridoxal and pyridoxal-5'-phosphate 87
- Morales-Rubio, A., see Daghbouche, Y. 161
- Motonaka, J., see Mishima, Y. 45
- Ng, S.C., see Zhou, X.C. 29
- O'Kennedy, R., see Lu, B. 59
- O'Sullivan, B., see Downard, A.J. 5
- Ordieres, A.J.M., see Villamil, M.J.F. 37
- Palleschi, G., see Antiochia, R. 17
- Pérez-Bendito, D., see Casero, I. 75
- Pérez-Bendito, D., see Morales, F. 87
- Pemara, C.  
Evaluation of selective uptake of selenium (Se(IV) and Se(VI)) and antimony (Sb(III) and Sb(V)) species by baker's yeast cells (*Saccharomyces cerevisiae*) 249
- Powell, K.J., see Downard, A.J. 5
- Preston, M., see Whitehouse, M.J. 197
- Psomas, I.E., see Fletouris, D.J. 111
- Ramis-Ramos, G., see Biosca, Y.M. 257
- Rodríguez-Coronado, M.J., Hernández, M., Bocchini, P., Galletti, G.C. and Arias, M.E.  
Chemical characterization by pyrolysis/gas chromatography/mass spectrometry of acid-precipitable polymeric lignin (APPL) from wheat straw transformed by selected *Streptomyces* strains 121
- Rohwer, H., see Hosten, E. 227
- Rubio, S., see Casero, I. 75
- Rubio, S., see Morales, F. 87
- Salani, G., see De Bellis, G. 1
- Schiewe, J., see Bond, A.M. 67
- Schultz, J.S., see Ballerstadt, R. 203
- Shouan, D.  
— and Xiaoyun, Y.  
Spectrophotometric and coulometric titration investigations of oxidation states and forms of ruthenium(IV) in hydrochloric acid solutions 243
- Sicilia, D., see Casero, I. 75
- Sicilia, D., see Morales, F. 87
- Simpson, S.L., see Downard, A.J. 5
- Smyth, M.R., see Lu, B. 59
- Takahashi, T., see Hiyama, T. 131
- Tong, S.Y., see Huang, C.Z. 235
- Vicente-Beckett, V., see Bond, A.M. 67
- Villamil, M.J.F.  
—, Ordieres, A.J.M. and Blanco, P.T.  
Immobilized enzyme electrode for the determination of L-lactate in food samples 37
- Visser, T., see Luinge, H.J. 173
- Walker, D.S., see Gemperline, P.J. 155
- Wallach, J., see Louis, D. 219
- Wang, E., see Liu, Z. 147

Whitehouse, M.J.

— and Preston, M.

A flexible computer-based technique for the analysis of data from a sea-going nutrient autoanalyser 197

Xi, X., see Liu, Z. 147

Xiaoyun, Y., see Shouan, D. 243

Yamaguchi, Y., see Yamane, T. 139

Yamane, T.

— and Yamaguchi, Y.

Complex formation of 2-(5-nitro-2-pyridylazo)-5-(*N*-propyl-*N*-sulfopropylamino)phenol with lead, cadmium and manganese for their sensitive spectrophotometric detection in flow injection and ion chromatography systems 139

Zhou, X.C.

—, Ng, S.C., Chan, H.S.O. and Li, S.F.Y.

Piezoelectric sensor for detection of organic amines in aqueous phase based on a polysiloxane coating incorporating acidic functional groups 29

